

Apparatus for the Direct Microdetermination of Oxygen,
by M. O. Kurnham and N. E. Gel'man.

Full translation.

RUSSIAN, per Zavod Lab, Vol XII, USSR, 1946, pp 500-502.

AEC Tr 1282

Scientific - Chemistry

Jun 52 CTS

DEX

GEDECHKORI, N. M. YEDNERAL, T. B. and
MANDELSHTAM, I.
R-2064. The influence of third elements in the
spectroanalysis of steel. Zavodskaya Lab. 12,
no. 6, p.559-568, 1946. (19p.) (LIDAN COPY ONLY)

On the Spectroscopic Determination of Nickel in
Steel, by N. Sventitskiy, M. Fodorov, and L.
Khuteminskaya, 11 pp.

RUSSIAN, per, Zhurav Lab, Vol XII, No 6, 1946,
pp 569-573. (Loan Copy Only).

SIA R-2065

901

Aug 58

71,140

An Electrostatic Non-Compensating Method of
Analysis, by S. I. Chirkov.

RUSSIAN, per, Zavod Lab, No 9-10, 1946
pp 777-786.

MLL Ref. 5828.4 1963 (5,574)
(loan)

Sci - Chem
Nov 53

242,332

Microchemical Methods of Control of Plating
Baths, by F. K. Swine, et al. UNCL

RUSSIAN, per, Metall Lab, Vol XXI, No 11,
1946, pp 908-914.

DEIR Lending Library Unit N. 187

Doc - Type
Apr 59

SLH 57-11-11

85, 883

FILIPPOV, S. I.

SAVED LAB vol 12, 1946, No 11-12, pp 933-937

Method and simple apparatus for testing passivated alloys

Butcher Trans 2194, 03.50

REC 51 *

(List 21 Jan 1950)

Sochevanov, V. G.
EEN NIEUWE METHODE VOOR HET METEN VAN
ELECTRISCHE WERSTAND VAN PORIEUZE PLATEN
(New Method for Measuring the Resistivity of Porous
Diaphragms), 7p. (Refs. MTWL: 15, (text in Dutch),
Order from ITS or ETC \$1.55 61-17699

Trans. of Zh. fizicheskaya Laboratoriya (USSR) 1946,
v. 12, p. 946-948.

DESCRIPTION: Porous materials, *Diaphragms,
Resistance, Electrochemistry, Measurements.

61-17699

- I. Sochevanov, V. G.
- II. MTWL-15
- III. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

TEMIRENKO, T. P

ZAVODSKAYA LABORATORIYA, vol 13, 1947

Photometric Method for Aluminum in Steel

Brocher Tr 2416, \$1.90

VIKHIREV, D. A.

Zavodskaya laboratoriya, vol. 13, 5 figures, 2 tables,
1900 words, 1947.

Polarographic Method of Control of Electroplating
Baths.

Butcher Press, Order No. 2068, \$2.85.

MINITINA, E. I.

Zavodskaya Laboratoriya, vol. 13, 1100 words;
1947.

Spot Tests for Segregation Stellites,
Beryllium Steels, and Chromium-Manganese-
Silicon Steels.

Butcher Trans, Order No. 2044, \$2.40.

SHEVANDIN, YE. M.

Zavodskaya Laboratoriya, vol. 13, 750 words;
1947

Precautions to be Taken in Tests for Mechanical Properties at Sub-zero Temperatures.

Brutcher Trans, Order No. 2047, \$1.10

Mechanical Methods of Investigation. Use of
Tests for Hardness and Microhardness in the Study
of Contact Surfaces. by V. A. Malikh, 22 pp.

RUSSIAN, per, Zvezdnyaya Laboratoriya, Vol. XIII,
No 1, 1967, pp 71-77.

Sci Trans Center
MT-1717

14,670

Scientific - Engineering

Doc 54 035/100

Application of Polarographic Method to the
Analysis of Coal-Ash Constituents, by I. A.
Korshunov et al

RUSSIAN, Izv. Lavov Lab, Vol XLII, No 3, 1967,
pp 301-303.

Brutcher Tr 3257

Scientific - Chemistry

Vol CWS/DAK

Price \$3.00

15,958

On Some New Methods of Chemical Analysis With the
Aid of Pyridine, Alpha-Picoline, and Hexamethyl-
enetetramine, by E. A. Ostroumov, 13 pp.

RUSSIAN, per, Zavod Lab, Vol XIII, 1947, pp 404-
410.

ABC Tr1755

9192

Scientific - Chemistry

Jan 54 CTB/DEX

Zavod Lab Vol 13, page 479-81 (1947)

Correlation in Impact Strength and Cross-Sectional
Reduction. By Sh. S. Manevich.

AEC Trans (avail. Brookhaven)

A Thermocouple for Liquid Steel, by V. S. Kochov

RUSSIAN, per, Zavod Lab, Vol XIII, No 4, 1947,
pp 498-499.

Brutcher No 3263
\$2.60

Bcl - Min/Metals

40, 659

Experimental Basis of a Method of Sampling
and Preparing Laboratory Samples for Analysis,
by M. V. Baryshev, 24 pp.

RUSSIAN, no par, Zavod Lab, Vol XIII, No 5, 1947,
pp 521-532.

Sci Tr Center RT-2779

Scientific - Chemistry
Dec 55 CTS/DEX

29,408

Organic Exchange Resins-Organolites and Their Use in
Analytical Chemistry, by Gur's, Yu. Yu.

Full translation.

RUSSIAN, for, Zavod Lab, Vol XIII, USSR, 194⁷, pp 532-
539.

AEC Tr 1257

Scientific - Chemistry

The Use of Organolites in Analytical Chemistry, by
Yu. Yu. Lur'e, N. A. Filippova.

Full translation.

RUSSIAN, ¹⁰⁰² ~~Ger~~, Zavodskaya, Vol XIII, USSR, 1947,
pp 539-547.

AEC Tr 1400

USIP
Scientific - Chemistry, Organolites

Oct 52 CTS/DEX

The Precipitation of Niobium and Tantalum in the
Presence of Oxy Acids By Products of the Condensa-
tion of Formaldehyde With Phenols, by I. P.
Allunrin.

Full translation.

RUSSIAN, no per, Zavod Lab, Vol XIII, 1947,
pp 547-548.

AJC Tr 1143

Scientific + Chemistry Mar 52 CTS

12.752

Photocolorimetric Determination of Phosphorus and
Silicon in Ferrous Metals by R. I. Pegol'son, P. B.
Kuznetsova.

Full translation.

RUSSIAN, per. Zavod Lab. Vol XIII, USSR, 1947,
pp 565-569.

ARC Tr 1372

Scientific Minerals, Metals, Physics, Phosphorus,
Silicon, Ferrous metals.

SM 52 JTB/DEX

SPICTOR, A.

Zavodskaya Laboratoriya, vol. 13, No. 5, 2 figures,
300 words; 1947.

Heating Tinting of Metallographic Specimens.

Brutcher, Trans. Order No. 2051, \$1.20

NERITINA, O. I.

Zavodskaya laboratoriya, vol. 13, No. 7, 1 figure,
1 table, 500 words; 1947.

Spectrographic Determination of Arsenic in Steel.

Crutcher Trans, Order No. 2013, \$1.20.

On the Qualitative Determination of
Paracetamol, by M. A. Popov, 4 pp.

RUSSIAN, par, Zavod Lab, Vol XIII, 1947,
pp 681-682.

ABC Tr-5850

Sci - Chem
Oct 62

212,650

Chart for Determining the Hardness of Carbon
Steels as Function of the Conditions of Tem-
pering, by A. P. Guliyev, 7 pp.

RUSSIAN, per, Zavod Lab, Vol XIII, No 7, 1947,
pp 888, 889.

SIA R-2078

Sci

Aug 58

71,434

Application of Temperature-Gradient Apparatus to the
Study of the Austenite Decomposition in Alloy Steels,
by N. E. Karskiy, V. V. Balakin.

RUSSIAN, per, Zavod Lab, Vol XIII, No 7, 1947.

Brutcher Tr No 2062

Scientific - Minerals/Metals

\$4.75

14,509

A Photoelectric Method of Determining Aluminum
in Steel, by T. P. Temirenko

RUSSIAN, per, Zavod Lab, XX Vol XIII, 1947,
pp 621-623.

AEC TR 1163

Scientific - Minerals/Metals

Determination of Stresses in Plastic Torsion,
by N. M. Davidenko, et al.

RUSSIAN, Eng, Zavod Lab, Vol XIII, No 6.
1947, ID 720-727.

ASLIB CB 70/h402

Sci - Eng

192,071

Apr 62

NAISHIMOV, D. H.

Zavodskaya Laboratoriya, vol. 13, 1947, pp. 825—
832, 10 figures, 4 tables, 3800 words.

Simple Method For Developing Residual Tension
Stresses in Quenched Steel.

Butcher Trans, Order No. 2331, \$ 6.65

The Determination of Magnesium in Water by the
Colorimetric Titration Method, by V. Y. Adamovych,
6 pp.

RUSSIA, Lavod Lab, No 2542 13, 1947, pp 935-937

Sci. Museum No 51/2015

Scientific - Chemistry

The Colorimetric Determination of Magnesium
With the Aid of Titanic Yellow, by S. S.
Serafinian, 10 pp.

ANALYST, Zayed Lab, Vol. 13, 1947, pp 990-994.

Sci Museum No 51/1957

Scientific

Determination of Columbium in the Presence of
Titanium, by V. B. Syrotenko, M. G. Klimerko

RUSSIAN
CHEMICAL ABSTRACTS, Vol. XIII, 1947, No 9,
pp 1035-1038.

Butcher Order No 3022
Price ~~10.00~~ \$3.40

1383

Scientific - Metallurgy

Photocolorimetric Method for Determining Columbium
in Steel, by A. M. Davydov, Z. M. Vainsberg, L. E.
Zuraber

INSTEAM, per, Soviet Sci, Vol XXIX, No 9 1947, pp
1030-1043.

Bratcher Order No 3024
Price \$4.00

Scientific - Minerals/Metals

Jun 53 CTS

2841

ИНОЗЕМ, V. V.

Zavolzhskaya laboratoriya, vol. 13, No. 10, 2 tables.
600 words: 1947.

Hand Determination of Copper in Nickel Plating Baths.

Butcher Trans., Order No. 2115, \$1.20.

KORSHUNOV, M. A.
SAZANOVA, L. N.

ZAVODSKAYA LABORATORIYA, vol 13, No 10, 1947

Polarographic Method Applied to the Analysis of Zinc
Plating Baths.

Brutcher Tr 2089, \$1.60

Method for Determination of the Toughness of
Materials in Lump Form, by K. I. Siskov.

RUSSIAN, Izv. Zaved. Lab., Vol. XIII, No. 10,
1947, pp. 1202-1205.

Dept of Int
US Bur of Mines
Br of Bituminous Coal Res
Washington. No 38

Sol - Hingr

Apr 59

84,635

BERKEIN, P.V.
D'YACHKOV, V.I.

SAVED. IAB. Vol 13, 1947, No 10, pp 1260-1261

Microfilm for Determination of Fusion Point of Slags

Butcher Trans 2265, \$1.00

Soviet Electron Microscope, by V. N. Vertsner.
RUSSIAN, per, Zavodskaya Laboratoriya, Vol 13,
No 11, 1947, pp 1364-1375.
NLI 5828.4F (11735)

Sci. Mat
Sept. 67

340,373

GOLIKOV, I.I.

ZAVOD. IAB. vol 13, 1947, No 12, pp 1435-1440

Method of determining the temperature range of the A_{c1}
transformation in steel

Butcher Trans 2083, \$2.65

Application of Mathematical Statistics to the Evaluation of the Results of Chemical Analysis, by G. S. Blyudner.

RUSSIAN, per, Zavod Lab, Vol XIX, No 12, 1947.

Brutcher Tr No 2143

14, 918

Scientific - Mathematics

\$3.90

Measurement of Temperature of Molten Iron With Immer-
sion Thermocouples, by N. A. Voronova, P. P.
Bendakovskiy.

RUSSIAN, For, Zaved Lab, Vol XIV, No 2, 1948.

Brutcher Tr No 2253

15,852

Scientific - Min/Metal

\$3.15

The Use of Solid Electrodes in Polarography, by
D. M. Shcheta, L. S. Meronblyum, N. K. Atamnenko.

RUSSIAN, no par, Zavod Lab, Vol XIV, No 2, 1948,
pp 131-137.

REC

JMB-Tr 515

Scientific - Physics
(See also: Index U-927 (Collated Report); Reuter
2229; 2231; 2110; AEC 358 or Reuter 2230, for
complete translations of related articles.

15,501

Dipping Solid Electrode and Its Uses in Polarography
Yu. B. Izraelik, V. I. Karmazin.

Collection, par, Zavol Lab, Vol XIV, No 2, 1946, pp 136-

AEC Tr 358

(Butcher 2230, 3.50)

Scientific - Physics

Also: AEC 505, Butcher 2229, 2231, 2140;

and U-527 (collated report) for complete translation
related articles.

15, 498

Application of Solid Dipping Electrode to Analysis
Metals, by Yu. S. Lyulikov, V. I. Karmazin, 12 pp.

RESEARCH, per, East Lab, V ol XIV, No 2, 1948,
194-198.

Brutcher Tr 2231, \$3.90

Scientific - Physics

Also: W-927 (Collated Report); Brutcher 2229,
10 or AEC 358, 2140, AEC 515 for related
scientific articles/

15,499

Simple Method of Determining Depth of Location of
Defects by Fluoroscopy and Radiography, by Sh. S. Manavich,
B. V. Borzhchev

RUSSIAN, Izv. Zavod Lab, Vol XIV, No 2, 1948,
pp 202-203.

Brutcher Tr No 2741

Scientific - Physics

\$1.80

15,801

Apparatus for Maintaining Very Low Constant Temperatures, by M. N. Koshkin.

RUSSIAN, per. Zaved lab, Vol XIV, No 2, 1948,
pp 251-252.

Butcher No 2140, \$1.50

Scientific - Physics

See Also: (U-927(collated report)); Butcher 2229;
2230 or AEC 358; AMX 515 for related articles.

15,205

Oreshko, V. F.
EEN NIEUWE METHODE VOOR DE BEPALING VAN
HET VERMOGEN VAN KOOLEN TOT ZELFONTBRA-
NDING (Estimation of the tendency of coal to self-
inflammation), by G. J. M. Fritchy, 8 p. 2 refs.
MTWL: 469. (Text in Dutch).
Order from OTS or ETC \$1.55 61-17034

Trans. of Zavolzhskaya Laboratoriya (USSR) 1948,
v. 14, p. 290-296.

DESCRIPTORS: Coal, Inflamable materials.

61-17034

- I. Oreshko, V. F.
- II. MTWL-469
- III. Stichting Moettijk
Toegankelijke Wetenschap-
pelijke Literatuur.

Office of Technical Services

Measurement of the Diffusion Coefficient in Steels
and Fe-alloys, by M. Ya. Blanter.

RUSSIAN, per, Zavodskaya Laborat, Vol 14, 1948,
pp 296-308.

*CFSTL TT 70-59099

Sci- *Blanter*
June 70

Problem of Determining the Brittle Strength of
Metals, by V. S. Smirnov, 8 pp. UZGL

RUSSIAN, per, Zavod Lab, No 3, 1948, pp 326-330.
9590860

NTIC MCL-535/III

Sol - Illa/Met

Apr 61

IC 10347 - item 19

147,791

Determination of Indium in Lead Bearings,
by Z. S. Mukhina.
RUSSIAN, per, Zavod Lab, Vol XIV, No 3, 1948, p 354.
Navy 3972/NRL 995

Sol-M/M
Feb 65

274,174

New Electro-Mechanical Metal Working Methods in
Laboratory Practices. by L. E. Popelov, 11 pp.

RUSSIAN, Zavod Lab, Vol 14, 1948, pp 358-361.

Sci. Museum No 51/2747

Scientific - Metals

Thermo-Electric Method of Analysis of Carbon Steels
for Silicon, by M. N. Nikitenko.
RUSSIAN, per, Zaved Lab, No 3, 1948, pp 365-367.
BISI 9478

Nov 71

Polarographic Determination of Methyl Acrylic
Ester, by M. B. Neiman, M. A. Shubenko, 5pp
RUSSIAN, per, Zavodskaya Lab, Vol 14, 1948, pp 394-
396
SIA T1-64-20556

Sci. - Chem
June 67

326,630

Vil'komitskii, I. E., Val'dman, G. F., and
Novak, A. G.
CONSTRUCTION OF LABORATORY CELL FOR
DETERMINING EFFECT OF ELECTRODE SPACING
UPON CURRENT YIELD. [1961] 6p (figs omitted)
Order from K-H \$6.00 K-H 3737 b

Trans. of Zhigalskaya Laboratoriya (USSR) 1948,
v. 14, no. 4, p. 503-504.

DESCRIPTION: Laboratory equipment, Construction,
Electrodes, Electric currents, *Electrolytic cells.

(Engineering--Electrical, T.T. v. 10, no. 12)

61-22826

I. Vil'komitskii, I. E.
II. Val'dman, G. F.
III. Novak, A. G.
IV. K-H-3737-b
V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

77-4-16110

Office of Technical Services

ZAVOD IAB

Vol XIV, No 5, 1948, 1 p

"New Construction of a Tungsten-Graphite Thermocouple"

R. A. Shchukin

L. V. Legushina

3513

D-11 (7025.1)

AR 7 June 1949

75T39

Method of Determining the State of Carbon in Steel,
by Yu. A. Klyachko, M. M. Shapiro, 2350 ~~XXXX~~ words.

RUSSIAN, per, Zavodskaya Laboratoriya. Vol XIV, No 3,
1948, pp 549-553.

26, 729

Brutcher No 3457
\$4.70

Scientific - Minerals/metals

Sep 55

RESEARCH ON CHEMICAL WEAPONS
Conditions, by N. M. Popova, N. I. Gordin,

RUSSIAN, per, Revod Lab, Vol XIV, No 5, 1948,
pp 55-57.

27,828

Brutcher Pr 3067

27 01 010

Scientific - Physics, Chemistry

Spectroanalysis of Slags, by H. V. Buyanov.

RUSSIAN, per, Zavod Lab, Vol. XIV, No 5, 1948, pp 565-570.

Brutcher Tr No 2169

16,820

Scientific - Min/Metals

\$4.35

Determination of the Percentage ¹³C Carbon Monoxide
in Air by Combustion in a Furnace, by A. G. Bogdanov
Bogdanov Bogdanov.

RUSSIAN, no per, Zavod Lab, Vol XIV No 5, 1957
pp 623, 624.

Rec Info by R. 597

Scientific - Chemistry

Feb 58

31, 217

POPOVA, N. M.
PLATONOVA, A. P.

Sovetskaya Laboratoriya, vol. 14, 1948, No. 6, pp.
55-661; 3 tables, 1000 words.

Determination of Chromium and Iron Carbides in Austenitic
Cr-Ni Steels.

Butcher Trans., Order No. 2313, \$2.70

11. Continued in Analysis of Chemical Laboratories.,
by A. G. SM Bogdanenko,

RUSSIAN, per, Zavod Lab, Vol XIV, No 6, 1940,
pp 749-750.

Bruckner Tr Order No 2308,
\$1.50

Scientific - Min/Metals

15/164

Second Type of Polarographic Maximum and Its
Method of Application to Analytic Chemistry,
Part 3, by T. A. Kryukova.
RUSSIAN, per, Zavodskaya Laboratoriya, Vol 14,
No 7, 1948, pp 767-772.
NLI 5828.4F (11733)

Sci - Chem
Sept. 67

340,146

Application of Solid Electrodes in Polarography,
Part 3, by E. M. Skobets, et al.
RUSSIAN, per, Zavodskaya Laboratoriya, Vol 14,
No 7, 1948j, pp 770-777.
MLL 582B, 4F (11752)

Sci - Chem
Sept. 67

340,142

A Rapid Electrochromatic Method of Determining
Aluminum in Ores, by S. K. Chirkov.

RUSSIAN, part, Zetrod Lab, Vol XIV, No 7, 1948,
pp 783-787.

INT. Ref: 5828.4 1963 (5880)
(Lent)

Sci. Chem
Vol. 63

238,134

Measuring of Impact Force with the help of the
Electric Dynamometer, by L. D. Sokolov,
L. P. Zaitsev.
IZVESTIYA, Ser. Zavod. Lab. Vol 14, No 7, 1948,
pp 843-847.
CEN/0.648

sci/ section engr
an, 89

389,683

61-13436

Chuprin, P. I.
 METHOD OF OBTAINING HIGH VACUUM AT SPEED.
 tr. by V. Barbury. (8 July 50) (5 p. (2 figs. omitted))
 T-11712; [DSIR 1.1.1] M 2079
 Order from I.C. or S.C. m/s 1. 80, ch 1. 80 61-13436

Trans. of [Soyuz] Laboratoriya (USSR) 1948
 (v. 14) no. 7 1. 111-113

I. Vacuum apparatus - Design
 I. Chuprin, P. I.
 II. Trans-T/1-717
 III. DSIR 1.1.1 M 2079

1948

Office of Technical Services

(Chemistry-Physical, TT, v. 5, no. 12)

Information of Cardiac in School by the Intelligence
Report by H. J. Baker.

Full translation.

FINISHED, 100% Final 1.0, Vol 100, No 1, 1950,
top 1000000

Dr. J. H. Baker

Scientific - Commercial/Aviation

top 1000000

\$1.40

9/8/50

Burmistrov, S. I.
THE IDENTIFICATION OF SOME ORGANIC INGREDIENTS OF RUBBER MIXES. [1961] 3p. 4 refs.
TL 1054; [DSIR LLU] M 2151
Order from OTS or SLA \$1.10

61-13646

Trans. of [Zavodskaya Laboratoriya] (USSR) 1948,
v. 14, no. 7, p. 747.

DESCRIPTORS: *Rubber *Organic compounds,
identification.

Convenient methods are described for the identification of some organic ingredients of rubber compounds, using reactions carried out on a dry filter paper. A sensitive reaction is described for detecting thiuram by conversion to thiocyanide by heating with urea. (Author)

(Materials--Rubber, TT, v. 6, no. 1)

61-13646

- I. Burmistrov, S. I.
- II. Trans-T/L-1056
- III. DSIR LLU M. 2151

101078

Office of Technical Services

Determination of Gases in Molten Steel During
the Heat, by V. T. Braga.

RUSSIAN, Izv. Zavodskaya Laboratoriya, Vol XIV,
No 9, 1948.

Brutcher Tr No 2223

Scientific - Min/Materials

\$5.40

16, 505

The Application of Differential Thermography to the
Study of the Ageing Process of Aluminium Alloys, by
L. P. Luzhnikov, L. G. Berg.

RUSSIAN, per, Zavod Lab, Vol XIV(17), 1948,
pp 820-828.

E.R.I. 44-57
Pulver Research Institute
Tr No 37 03/422

Scientific - Physics, thermography, aluminium, alloys

Index aeronauticus

Record Method for Sales in Commercial
Mexico.

REF: 100-107, 100-108, 100-109, 100-110, 100-111, 100-112, 100-113, 100-114, 100-115, 100-116, 100-117, 100-118, 100-119, 100-120, 100-121, 100-122, 100-123, 100-124, 100-125, 100-126, 100-127, 100-128, 100-129, 100-130, 100-131, 100-132, 100-133, 100-134, 100-135, 100-136, 100-137, 100-138, 100-139, 100-140, 100-141, 100-142, 100-143, 100-144, 100-145, 100-146, 100-147, 100-148, 100-149, 100-150, 100-151, 100-152, 100-153, 100-154, 100-155, 100-156, 100-157, 100-158, 100-159, 100-160, 100-161, 100-162, 100-163, 100-164, 100-165, 100-166, 100-167, 100-168, 100-169, 100-170, 100-171, 100-172, 100-173, 100-174, 100-175, 100-176, 100-177, 100-178, 100-179, 100-180, 100-181, 100-182, 100-183, 100-184, 100-185, 100-186, 100-187, 100-188, 100-189, 100-190, 100-191, 100-192, 100-193, 100-194, 100-195, 100-196, 100-197, 100-198, 100-199, 100-200, 100-201, 100-202, 100-203, 100-204, 100-205, 100-206, 100-207, 100-208, 100-209, 100-210, 100-211, 100-212, 100-213, 100-214, 100-215, 100-216, 100-217, 100-218, 100-219, 100-220, 100-221, 100-222, 100-223, 100-224, 100-225, 100-226, 100-227, 100-228, 100-229, 100-230, 100-231, 100-232, 100-233, 100-234, 100-235, 100-236, 100-237, 100-238, 100-239, 100-240, 100-241, 100-242, 100-243, 100-244, 100-245, 100-246, 100-247, 100-248, 100-249, 100-250, 100-251, 100-252, 100-253, 100-254, 100-255, 100-256, 100-257, 100-258, 100-259, 100-260, 100-261, 100-262, 100-263, 100-264, 100-265, 100-266, 100-267, 100-268, 100-269, 100-270, 100-271, 100-272, 100-273, 100-274, 100-275, 100-276, 100-277, 100-278, 100-279, 100-280, 100-281, 100-282, 100-283, 100-284, 100-285, 100-286, 100-287, 100-288, 100-289, 100-290, 100-291, 100-292, 100-293, 100-294, 100-295, 100-296, 100-297, 100-298, 100-299, 100-300, 100-301, 100-302, 100-303, 100-304, 100-305, 100-306, 100-307, 100-308, 100-309, 100-310, 100-311, 100-312, 100-313, 100-314, 100-315, 100-316, 100-317, 100-318, 100-319, 100-320, 100-321, 100-322, 100-323, 100-324, 100-325, 100-326, 100-327, 100-328, 100-329, 100-330, 100-331, 100-332, 100-333, 100-334, 100-335, 100-336, 100-337, 100-338, 100-339, 100-340, 100-341, 100-342, 100-343, 100-344, 100-345, 100-346, 100-347, 100-348, 100-349, 100-350, 100-351, 100-352, 100-353, 100-354, 100-355, 100-356, 100-357, 100-358, 100-359, 100-360, 100-361, 100-362, 100-363, 100-364, 100-365, 100-366, 100-367, 100-368, 100-369, 100-370, 100-371, 100-372, 100-373, 100-374, 100-375, 100-376, 100-377, 100-378, 100-379, 100-380, 100-381, 100-382, 100-383, 100-384, 100-385, 100-386, 100-387, 100-388, 100-389, 100-390, 100-391, 100-392, 100-393, 100-394, 100-395, 100-396, 100-397, 100-398, 100-399, 100-400, 100-401, 100-402, 100-403, 100-404, 100-405, 100-406, 100-407, 100-408, 100-409, 100-410, 100-411, 100-412, 100-413, 100-414, 100-415, 100-416, 100-417, 100-418, 100-419, 100-420, 100-421, 100-422, 100-423, 100-424, 100-425, 100-426, 100-427, 100-428, 100-429, 100-430, 100-431, 100-432, 100-433, 100-434, 100-435, 100-436, 100-437, 100-438, 100-439, 100-440, 100-441, 100-442, 100-443, 100-444, 100-445, 100-446, 100-447, 100-448, 100-449, 100-450, 100-451, 100-452, 100-453, 100-454, 100-455, 100-456, 100-457, 100-458, 100-459, 100-460, 100-461, 100-462, 100-463, 100-464, 100-465, 100-466, 100-467, 100-468, 100-469, 100-470, 100-471, 100-472, 100-473, 100-474, 100-475, 100-476, 100-477, 100-478, 100-479, 100-480, 100-481, 100-482, 100-483, 100-484, 100-485, 100-486, 100-487, 100-488, 100-489, 100-490, 100-491, 100-492, 100-493, 100-494, 100-495, 100-496, 100-497, 100-498, 100-499, 100-500, 100-501, 100-502, 100-503, 100-504, 100-505, 100-506, 100-507, 100-508, 100-509, 100-510, 100-511, 100-512, 100-513, 100-514, 100-515, 100-516, 100-517, 100-518, 100-519, 100-520, 100-521, 100-522, 100-523, 100-524, 100-525, 100-526, 100-527, 100-528, 100-529, 100-530, 100-531, 100-532, 100-533, 100-534, 100-535, 100-536, 100-537, 100-538, 100-539, 100-540, 100-541, 100-542, 100-543, 100-544, 100-545, 100-546, 100-547, 100-548, 100-549, 100-550, 100-551, 100-552, 100-553, 100-554, 100-555, 100-556, 100-557, 100-558, 100-559, 100-560, 100-5

Approved: _____ Date: 02/13

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1990

15620

SHASEKOV, A. N.

Zavodskaya Laboratoriya, vol. 14, 1948, p. 1017;
450 words.

Treatment of metallographic specimens with
paraffin wax.

Butcher, Trans. Order No. 2199, \$1.20

Levin, M. F.
FIZIKOSKHIMICHESKAYA, No. 11.

Fizicheskaya Laboratoriya, vol. 11, 1948, No. 2, pp.
1017-1022; 9 tables, 3750 words.

Photocolorimetric Method for Analyzing Homotactic
Polymerization in Carbon Steels.

Bratkovskiy, Order No. 2247, \$6.50.

Specialized Sampling of Pig Iron in Blast Furnace Operation, by A. O. Bogdanchenko.

1. INTERVIEW, Prof. Zayed Lab, Vol XIV, No 2, 1942,
2. INTERVIEW, 4 tablets, 2300 words, pp 1064-1069.

Drutcher Tr Order No 2219
\$3.90

San Jose, Calif. - March 10, 1944

15163

The Basis of Quantitative Molecular Analysis
by the Method of Combination Scattering of
Light (Raman Effect), by M. M. Sushchinskiy.

RUSSIAN, no par, Zavod Lab, Vol XIV, 1948,
pp 1070-1079.

AEC Tr 1008
DRB TT 238

Scientific - Physics Nov 1951 CTS

20,330

TAKANAKI, H. V.

Zavodskaya Laboratoriya, vol. 14, 1948, pp. 1131-1132, 1 table, 900 words.

Rapid Method for Carbon Dioxide, Calcium Oxide, and Magnesium Oxide in Dolomites.

Butcher Trans, Order No. 21779, \$ 1.50.

Determination of Molybdenum in High Chromium Steels,
by E. I. Gromberg, H. O. Ashkenazi.

RUSSIAN, per, Favod Lab, Vol XIV, 1948, p 1133.

Bratcher Tr No 2372

Scientific - Minerals/Metals

\$1.20

14,539

COLIK, A.2.

ZAVOD LAB. vol 14, No 10, 1948

Indications obtained with Herty's device

Brutcher Trans 2235, \$1.20

APCINSIII, I. P.

Zavodskaya laboratoriya, vol. 14, 1948, No. 10,
pp. 1263--1267; 2 figures, 100 words;

Laboratory Determination of Critical Rate of
Quenching.

Butcher Trans, Order No. 2124, \$ 1.40.

Uses of Ultrasound in Technology and Physics, by
S. M. Sokolov,

RUSSIAN, per, Izvoda Lab, Vol XIV, No 11, 1949,
pp 1328-1335.

28 OCT 1950

Brutcher Tr No 3029
\$9.80

Scientific - Physics

Feb 55 CTB

21,073

Application of Solid Electrodes in Polarography.
IV. Solid Electrode Moving in a Straight Line,
by E. M. Skobets, et al.
RUSSIAN, per, Zavodskaya Laboratoriya, Vol 14,
No 11, 1948, pp 1307-12.
NLI 5828, 4P (11800)

Sci - Chem
Sept. 67

340,148

Spectroscopic Determination of Columbium in Stainless
Steel, by V. K. Blinov.

RUSSIAN, Zhurnal Zaved Lab, Vol XIV, No 12, 1948,
pp 149-151.

Drutcher Tr No 2630

Scientific - Min/Material

\$1.50

14, 929

The Determination of the Rheological Characteristics
of Liquids Having a Structure, Using a Rotational
Viscometer, by Penich M. M., and Vagutskiy, S. S.

REKHEIM, M. M., Zavodskaya Laboratoriya, 1948, Vol 1,
pp 550-553.

Sci Museum Lib No 50/2713

The Influence of Temperature on the Form of Polarograms,
by Shadrin, E. M., Kurnov, P. P., and Ryabokon', V. D.

ANALIZ, part, Khimicheskaya Laboratoriya, 1940, No 15,

pp. 313-11

Sci Museum Lib No 50/2/71

Tafte, E.M., Letova, V.K., and Tyabina, Z.S.
OVER EEN METHODE TER CLASSIFICATIE VAN
MAGERE KOLEN NAAR HUN BAKKEND VERMOGEN
(On a method of classification of meagre coal after its
coking capacity). tr. by G.J.M. Fritschy. 6 p.
4 refs. MFWL: 463 (Text in Dutch).
Order from DTS or ETC \$1.55

61-17033

Trans. of Zvezdskaya Laboratoriya (USSR) 1948,
v. 14, p. 1229-1231.

DESCRIPTION: *Coal. Classification. Decomposition.

61-17033

- I. Tafte, E.M.
- II. Letova, V.K.
- III. Tyabina, Z.S.
- IV. MFWL: 463
- V. Stichting Maatschappij
Technische Wetenschap
petite Literature.

Office of Technical Services

TIKHONOVA, A. A.

ZAVODSKAYA LABORATORIYA, vol 15, 1949

Photocolormetric Determination of Molybdenum in Alloy
Steels

Brutcher Tr 2426, \$1.50

Determination of Tungsten and Columbium in Steel, by
L. M. Budanova, K. D. Gavrilova.

RUSSIAN, Proc. Zavod Lab, Vol XV, 1949, pp 7-11.

Brutcher Tr No 2419

Scientific - Min/Metals

\$3.85

16,715

Rapid Colorimetric Method for the Determination of
Tungsten in Steel, by A. G. Bogdanchenko, A. D.
Sapir.

RUSSIAN, Per, Zavod Lab, Vol IV, 1949, pp 11-15.

Brutcher Tr No 2045

Scientific - Min/Metals

\$3.35

15,896

KONINLOV, I. I.

Zavodskaya Laboratoriya, vol. 15, 1949, No. 1, pp.
76-82; 6 figures, 3100 words.

Centrifugal Method for Studying Metals and
Alloys for High Temperature Strain.

Bruckner Trans, Order No. 2470, \$5.65.

Cell for the Measurement of Water Permeability of
Lacquer-Print Films, by A. Ya. Korolev, 5 pp.

RUSSIAN, per, Zavod Lab, Vol XV, No 1, 1949,
pp 120-122.

CIA/PDD/X-1199

Scientific - Chemistry
CTS/CHK

9179

Electron-Microscope Investigation of the Structure
of Steel, by M. M. Buinov, R. M. Lerinman, 12 pp.

RUSSIAN, per, Zavod lab, Vol XV, No 2, 1949, pp
167-170.

Brutcher Tr 2602

ALL M. M.

Scientific - Minerals/Metals, metallurgy
CTS/DEX Price \$5.30

9182

4

Chizhikov, Yu. M.
EVALUATION OF THE PLASTICITY OF METALS
AND ALLOYS AS REGARDS CONDITIONS OF HOT-
SHAPING BY PRESSURE. Mar 50 (11) p. 3 n-16
BISI-395; D6IR L.L.U. M 238.
Order from VTS or S.L.A. in \$1.60 10-13579

Trans. of Zavodskaya Laboratoriya (USSR) 1949,
v. 15 (no. 2) p. 191-199.

DESCRIPTIONS: *Metals. *Alloys. *Plasticity. Tests.
Processing. Pressure.

(Metallurgy, IT, v. 1, no. 1)

10-13579

Chizhikov, Yu. M.
I. BISI-395
III. D6IR L.L.U. M 238
IV. British Iron and Steel
Industry Translation
Service

161571

Office of Technical Services

STAPIRO, M. M.
GRABAROVANNA, R. E.

Zavodskaya Laboratoriya, vol. 15, 1949, pp. 259-264;
3 tables, 2500 words.

Analysis of Nonmetallic Inclusions in Alloy Steels.

Butcher Trans, Order No. 2438, 24.45

2nd Ed.

Vol. 11, pp 264-266 (1949)

Determination of Chemical Composition
of Iron Carbide in Steel

H. M. Papera

Revised Jan. # 2447

POPOVA, M. M.
PLATONOVA, A. P.

Zavodskaya laboratoriya, vol. 15, 1949, pp. 267-269; 2 tables, 950 words.

Carbide Determination in (Austenitic) Chromium-Nickel Steels Containing Molybdenum or Tungsten.

Butcher Trans., Order No. 2451, \$1.80

CHERNOVA, T. N.

Zavodskaya Laboratoriya, vol. 18, 1949, No. 3, pp.
275-277; 1 figure, 1 table, 1500 words.

Method for Determining Nonmetallic Inclusions in
Austenitic Iron in Steel.

Butcher Trans., Order No. 2339, \$2.25.

Preparation of Silver Chloride Specimens for
Deformation Studies by Optical Methods, by
S. O. Esobkhallo, 8 pp.

RUSSIAN, per, Zavodskaya Lab, Vol XV, 1949,
pp 338-345.

AEC Tr 2221

Assoc Tech Sv Tr 99062

Scientific - Chemistry
CTB 73/Oct 1955

27, 141